

IES INDOOR REPORT

PHOTOMETRIC FILENAME : GS-2-L240-940-HP-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 14617179.01
[TESTLAB] UL Verification Services Inc.
[ISSUE DATE] 6/03/2026
[TEST DATE] 1/6/2023
[MANUFAC] H E Williams Inc
[LUMCAT] GS-2-L240-940-HP-DIM-UNV
[LUMINAIRE] White aluminum housing, prismatic lense enclosure
[LAMP] 448 White LEDs

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	21079
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	125
Total Luminaire Watts	169
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.30
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.67 ft
Luminous Width (90-270)	1.17 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	42057	43358	44143
55	40255	41875	30120
65	36513	25539	8279
75	29891	8217	8322
85	13105	11264	10489

IES INDOOR REPORT
PHOTOMETRIC FILENAME : GS-2-L240-940-HP-DIM-UNV_.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	7990.650	7990.650	7990.650	7990.650	7990.650
0.5	7891.938	7995.670	8013.237	8000.689	8016.583
1.0	7894.448	7996.506	8014.074	8000.689	8015.747
1.5	7897.794	7995.670	8014.910	7998.179	8013.237
2.0	7896.958	7997.343	8013.237	7999.016	8014.074
2.5	7895.285	7995.670	8014.074	7997.343	8011.564
3.0	7894.448	7992.324	8012.401	7998.179	8013.237
3.5	7891.938	7987.304	8011.564	7998.179	8013.237
4.0	7886.083	7984.795	8009.054	8001.525	8014.910
4.5	7878.554	7979.775	8005.708	8003.199	8016.583
5.0	7868.515	7973.920	8003.199	8001.525	8014.074
5.5	7860.986	7968.900	7999.852	7999.016	8010.727
6.0	7855.131	7963.881	7995.670	7993.160	8004.035
6.5	7846.765	7956.352	7991.487	7987.304	7994.833
7.0	7835.890	7947.987	7983.122	7978.939	7983.958
7.5	7826.688	7940.458	7975.593	7968.064	7972.246
8.0	7818.323	7931.256	7964.718	7956.352	7961.371
8.5	7814.140	7921.217	7954.679	7944.641	7953.006
9.0	7807.448	7910.342	7943.804	7932.929	7942.968
9.5	7798.246	7901.977	7934.602	7924.564	7935.439
10.0	7788.207	7894.448	7924.564	7914.525	7925.400
10.5	7779.005	7886.083	7912.852	7901.977	7913.689
11.0	7768.967	7877.717	7899.467	7887.756	7901.140
11.5	7760.601	7868.515	7886.083	7874.371	7881.900
12.0	7744.707	7856.804	7875.208	7856.804	7856.804
12.5	7727.140	7845.092	7860.150	7833.381	7836.727
13.0	7709.572	7831.707	7844.256	7809.957	7814.977
13.5	7691.168	7813.303	7828.361	7789.880	7790.717
14.0	7671.091	7795.736	7811.630	7767.294	7768.130
14.5	7644.322	7778.169	7791.553	7744.707	7748.890
15.0	7625.082	7760.601	7772.313	7722.120	7733.832
15.5	7614.206	7741.361	7749.726	7700.370	7718.774
16.0	7598.312	7719.611	7727.140	7681.130	7700.370
16.5	7581.581	7699.534	7700.370	7661.889	7683.639
17.0	7570.706	7678.620	7676.947	7642.649	7664.399
17.5	7553.139	7658.543	7651.851	7620.899	7645.995
18.0	7533.062	7635.120	7625.082	7600.822	7624.245
18.5	7511.312	7612.533	7601.658	7576.562	7595.803
19.0	7485.379	7590.783	7572.379	7551.466	7569.033
19.5	7456.937	7568.197	7544.773	7527.206	7547.283
20.0	7430.167	7545.610	7518.004	7501.273	7523.860
20.5	7404.234	7521.350	7493.744	7476.177	7500.437
21.0	7379.138	7495.417	7468.648	7452.754	7475.340
21.5	7349.859	7469.485	7442.715	7429.331	7447.735
22.0	7321.417	7443.552	7416.783	7404.234	7420.129
22.5	7297.157	7415.946	7389.177	7378.302	7395.032
23.0	7272.897	7387.504	7358.225	7348.186	7364.917
23.5	7248.638	7355.715	7328.109	7321.417	7338.148
24.0	7218.522	7327.273	7295.484	7294.647	7308.869
24.5	7192.589	7298.830	7262.022	7264.532	7281.263
25.0	7164.147	7263.695	7226.051	7236.926	7249.474
25.5	7131.522	7234.416	7194.262	7205.974	7219.359
26.0	7093.877	7205.137	7163.310	7175.022	7185.897
26.5	7052.887	7166.656	7133.195	7142.397	7153.272

IES INDOOR REPORT
PHOTOMETRIC FILENAME : GS-2-L240-940-HP-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	7015.242	7129.012	7100.570	7110.608	7120.647
27.5	6978.434	7089.695	7070.454	7078.819	7088.858
28.0	6943.300	7050.377	7037.829	7048.704	7057.069
28.5	6913.184	7011.060	7003.531	7016.079	7022.771
29.0	6879.722	6972.579	6968.396	6977.598	6989.309
29.5	6846.261	6934.098	6933.261	6942.463	6959.194
30.0	6812.799	6891.434	6895.617	6905.655	6924.059
30.5	6779.337	6852.117	6861.319	6868.011	6892.271
31.0	6743.366	6808.616	6827.020	6832.876	6857.136
31.5	6703.212	6765.953	6791.049	6796.905	6822.001
32.0	6661.385	6727.472	6753.405	6760.097	6785.193
32.5	6617.885	6686.481	6717.433	6727.472	6746.712
33.0	6572.712	6646.327	6684.808	6691.500	6711.578
33.5	6529.211	6603.664	6647.164	6654.693	6679.789
34.0	6484.875	6558.490	6606.173	6616.212	6642.981
34.5	6443.047	6514.154	6564.346	6577.731	6604.500
35.0	6404.567	6468.144	6518.336	6540.086	6563.510
35.5	6368.595	6422.134	6465.634	6500.769	6526.702
36.0	6325.095	6372.778	6422.970	6461.451	6488.221
36.5	6279.922	6323.422	6381.980	6420.461	6447.230
37.0	6228.056	6274.066	6336.807	6380.307	6407.076
37.5	6172.008	6225.547	6290.797	6340.153	6364.413
38.0	6118.469	6177.864	6249.806	6298.326	6320.076
38.5	6064.094	6129.344	6210.489	6254.826	6271.556
39.0	6016.411	6080.825	6164.479	6207.979	6226.383
39.5	5971.238	6028.959	6113.450	6158.623	6182.046
40.0	5924.391	5974.584	6062.421	6111.777	6136.037
40.5	5875.872	5920.209	6013.901	6064.094	6092.536
41.0	5830.699	5865.833	5964.545	6012.228	6048.200
41.5	5775.487	5810.622	5911.843	5964.545	5997.171
42.0	5714.419	5756.246	5858.305	5913.516	5945.305
42.5	5648.332	5701.035	5803.929	5862.487	5894.276
43.0	5583.919	5644.986	5752.064	5811.458	5844.920
43.5	5523.688	5585.592	5698.525	5759.593	5796.400
44.0	5470.149	5529.543	5650.006	5709.400	5751.227
44.5	5425.812	5474.332	5598.140	5664.227	5702.708
45.0	5379.802	5415.774	5546.274	5617.380	5646.659
45.5	5329.610	5358.889	5490.226	5561.332	5595.630
46.0	5270.215	5300.331	5427.485	5499.428	5540.419
46.5	5209.148	5239.263	5361.399	5448.399	5487.716
47.0	5144.734	5180.705	5305.350	5395.697	5436.687
47.5	5087.013	5124.657	5249.302	5340.485	5382.312
48.0	5034.311	5070.282	5189.907	5287.783	5326.264
48.5	4982.445	5020.926	5131.349	5235.917	5259.340
49.0	4927.233	4953.166	5076.138	5182.378	5174.013
49.5	4867.839	4881.223	5021.762	5128.840	5075.301
50.0	4793.386	4820.992	4964.878	5071.118	4956.512
50.5	4725.626	4768.290	4903.810	5009.214	4811.790
51.0	4662.049	4705.549	4842.742	4933.925	4645.318
51.5	4606.838	4644.482	4779.165	4841.906	4485.539
52.0	4554.135	4578.395	4718.934	4734.828	4356.711
52.5	4493.904	4514.818	4657.867	4595.962	4234.576
53.0	4424.471	4446.221	4595.126	4437.019	4051.374
53.5	4353.365	4382.644	4534.895	4271.384	3804.594
54.0	4287.278	4324.923	4471.318	4131.682	3522.679
54.5	4232.067	4261.346	4406.904	4011.220	3289.284

IES INDOOR REPORT
PHOTOMETRIC FILENAME : GS-2-L240-940-HP-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	4176.855	4186.893	4345.000	3860.642	3125.321
55.5	4106.585	4118.297	4281.423	3646.487	3000.677
56.0	4030.460	4063.085	4219.519	3379.630	2879.378
56.5	3966.883	4004.527	4156.778	3131.177	2727.964
57.0	3913.344	3939.277	4090.691	2955.503	2574.877
57.5	3853.113	3866.498	4017.912	2830.022	2447.722
58.0	3783.680	3795.392	3940.113	2727.964	2369.087
58.5	3705.882	3727.632	3844.748	2603.319	2319.731
59.0	3643.141	3661.545	3735.161	2432.665	2278.741
59.5	3582.073	3590.439	3610.516	2291.289	2221.019
60.0	3503.438	3515.987	3463.284	2207.635	2144.057
60.5	3428.150	3452.409	3331.111	2158.279	2046.182
61.0	3360.390	3382.976	3206.466	2116.452	1924.883
61.5	3300.995	3311.034	3061.744	2055.384	1796.892
62.0	3229.889	3234.908	2904.474	1976.749	1668.902
62.5	3142.052	3157.947	2701.195	1873.854	1499.083
63.0	3065.090	3091.860	2471.982	1745.863	1243.938
63.5	3004.023	3026.609	2286.270	1622.055	1038.149
64.0	2929.571	2950.484	2159.952	1498.247	916.014
64.5	2858.464	2883.561	2063.749	1314.208	804.001
65.0	2791.541	2814.964	1952.489	1073.284	632.928
65.5	2702.868	2737.166	1812.787	906.812	548.437
66.0	2627.579	2665.223	1695.671	805.172	529.531
66.5	2562.329	2599.973	1625.401	655.431	520.831
67.0	2491.222	2527.194	1570.190	549.274	513.219
67.5	2416.770	2455.251	1512.468	510.876	505.690
68.0	2339.808	2390.001	1438.016	500.336	498.663
68.5	2272.885	2313.039	1332.612	491.970	491.803
69.0	2207.635	2243.606	1212.150	484.191	484.943
69.5	2134.856	2172.500	1109.255	476.913	477.917
70.0	2063.749	2106.413	967.879	469.969	470.973
70.5	1995.153	2031.124	786.517	462.859	464.281
71.0	1934.922	1952.489	669.652	456.250	457.589
71.5	1865.489	1870.508	581.480	449.641	450.060
72.0	1796.056	1783.508	480.593	442.196	442.782
72.5	1727.459	1672.248	430.736	435.086	435.002
73.0	1663.046	1555.968	417.769	427.891	426.553
73.5	1598.632	1456.420	409.153	420.195	418.020
74.0	1534.218	1351.016	400.704	411.913	408.651
74.5	1470.641	1235.573	392.757	402.962	399.365
75.0	1399.535	1088.341	384.726	393.844	389.661
75.5	1334.285	985.447	377.030	384.475	379.539
76.0	1269.034	910.158	369.584	374.771	369.250
76.5	1199.601	827.842	361.554	364.816	358.626
77.0	1130.168	740.507	353.523	354.610	348.085
77.5	1059.899	683.622	344.906	344.321	337.210
78.0	981.264	614.273	335.955	333.697	326.335
78.5	916.014	527.440	326.335	322.571	315.125
79.0	858.292	460.433	316.631	311.696	304.167
79.5	798.396	363.478	306.676	300.821	292.957
80.0	737.914	312.448	296.387	289.611	281.496
80.5	677.348	264.682	286.097	278.067	270.203
81.0	615.862	248.453	275.390	266.606	259.997
81.5	555.213	238.331	264.180	255.313	250.210
82.0	500.587	227.790	252.468	243.852	237.160
82.5	451.816	217.166	240.757	232.475	225.615

IES INDOOR REPORT
PHOTOMETRIC FILENAME : GS-2-L240-940-HP-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	399.365	206.793	228.292	220.763	214.406
83.5	348.169	196.002	215.912	209.219	202.945
84.0	298.729	184.959	203.112	197.173	191.150
84.5	252.552	173.248	190.564	184.625	178.853
85.0	206.626	161.453	177.598	171.073	165.384
85.5	182.784	148.904	163.711	156.517	151.581
86.0	156.601	135.938	149.072	141.208	136.607
86.5	118.538	122.386	132.676	124.645	121.466
87.0	98.628	108.249	115.276	107.328	104.986
87.5	86.080	93.525	96.704	89.761	87.251
88.0	73.616	77.380	78.133	70.437	67.342
88.5	59.980	59.980	59.227	49.523	45.675
89.0	43.835	43.249	40.321	32.123	29.530
89.5	27.439	29.028	25.933	22.001	21.332
90.0	0.000	0.000	0.000	0.000	0.000
90.5	0.000	0.000	0.000	0.000	0.000
91.0	0.000	0.000	0.000	0.000	0.000
91.5	0.000	0.000	0.000	0.000	0.000
92.0	0.000	0.000	0.000	0.000	0.000
92.5	0.000	0.000	0.000	0.000	0.000
93.0	0.000	0.000	0.000	0.000	0.000
93.5	0.000	0.000	0.000	0.000	0.000
94.0	0.000	0.000	0.000	0.000	0.000
94.5	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000
95.5	0.000	0.000	0.000	0.000	0.000
96.0	0.000	0.000	0.000	0.000	0.000
96.5	0.000	0.000	0.000	0.000	0.000
97.0	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000
98.0	0.000	0.000	0.000	0.000	0.000
98.5	0.000	0.000	0.000	0.000	0.000
99.0	0.000	0.000	0.000	0.000	0.000
99.5	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000
100.5	0.000	0.000	0.000	0.000	0.000
101.0	0.000	0.000	0.000	0.000	0.000
101.5	0.000	0.000	0.000	0.000	0.000
102.0	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000
103.0	0.000	0.000	0.000	0.000	0.000
103.5	0.000	0.000	0.000	0.000	0.000
104.0	0.000	0.000	0.000	0.000	0.000
104.5	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000
105.5	0.000	0.000	0.000	0.000	0.000
106.0	0.000	0.000	0.000	0.000	0.000
106.5	0.000	0.000	0.000	0.000	0.000
107.0	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000
108.0	0.000	0.000	0.000	0.000	0.000
108.5	0.000	0.000	0.000	0.000	0.000
109.0	0.000	0.000	0.000	0.000	0.000
109.5	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000
110.5	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : GS-2-L240-940-HP-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

111.0	0.000	0.000	0.000	0.000	0.000
111.5	0.000	0.000	0.000	0.000	0.000
112.0	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000
113.0	0.000	0.000	0.000	0.000	0.000
113.5	0.000	0.000	0.000	0.000	0.000
114.0	0.000	0.000	0.000	0.000	0.000
114.5	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000
115.5	0.000	0.000	0.000	0.000	0.000
116.0	0.000	0.000	0.000	0.000	0.000
116.5	0.000	0.000	0.000	0.000	0.000
117.0	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000
118.0	0.000	0.000	0.000	0.000	0.000
118.5	0.000	0.000	0.000	0.000	0.000
119.0	0.000	0.000	0.000	0.000	0.000
119.5	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000
120.5	0.000	0.000	0.000	0.000	0.000
121.0	0.000	0.000	0.000	0.000	0.000
121.5	0.000	0.000	0.000	0.000	0.000
122.0	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000
123.0	0.000	0.000	0.000	0.000	0.000
123.5	0.000	0.000	0.000	0.000	0.000
124.0	0.000	0.000	0.000	0.000	0.000
124.5	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000
125.5	0.000	0.000	0.000	0.000	0.000
126.0	0.000	0.000	0.000	0.000	0.000
126.5	0.000	0.000	0.000	0.000	0.000
127.0	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000
128.0	0.000	0.000	0.000	0.000	0.000
128.5	0.000	0.000	0.000	0.000	0.000
129.0	0.000	0.000	0.000	0.000	0.000
129.5	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000
130.5	0.000	0.000	0.000	0.000	0.000
131.0	0.000	0.000	0.000	0.000	0.000
131.5	0.000	0.000	0.000	0.000	0.000
132.0	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000
133.0	0.000	0.000	0.000	0.000	0.000
133.5	0.000	0.000	0.000	0.000	0.000
134.0	0.000	0.000	0.000	0.000	0.000
134.5	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000
135.5	0.000	0.000	0.000	0.000	0.000
136.0	0.000	0.000	0.000	0.000	0.000
136.5	0.000	0.000	0.000	0.000	0.000
137.0	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000
138.0	0.000	0.000	0.000	0.000	0.000
138.5	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : GS-2-L240-940-HP-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

139.0	0.000	0.000	0.000	0.000	0.000
139.5	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000
140.5	0.000	0.000	0.000	0.000	0.000
141.0	0.000	0.000	0.000	0.000	0.000
141.5	0.000	0.000	0.000	0.000	0.000
142.0	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000
143.0	0.000	0.000	0.000	0.000	0.000
143.5	0.000	0.000	0.000	0.000	0.000
144.0	0.000	0.000	0.000	0.000	0.000
144.5	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000
145.5	0.000	0.000	0.000	0.000	0.000
146.0	0.000	0.000	0.000	0.000	0.000
146.5	0.000	0.000	0.000	0.000	0.000
147.0	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000
148.0	0.000	0.000	0.000	0.000	0.000
148.5	0.000	0.000	0.000	0.000	0.000
149.0	0.000	0.000	0.000	0.000	0.000
149.5	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000
150.5	0.000	0.000	0.000	0.000	0.000
151.0	0.000	0.000	0.000	0.000	0.000
151.5	0.000	0.000	0.000	0.000	0.000
152.0	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000
153.0	0.000	0.000	0.000	0.000	0.000
153.5	0.000	0.000	0.000	0.000	0.000
154.0	0.000	0.000	0.000	0.000	0.000
154.5	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000
155.5	0.000	0.000	0.000	0.000	0.000
156.0	0.000	0.000	0.000	0.000	0.000
156.5	0.000	0.000	0.000	0.000	0.000
157.0	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000
158.0	0.000	0.000	0.000	0.000	0.000
158.5	0.000	0.000	0.000	0.000	0.000
159.0	0.000	0.000	0.000	0.000	0.000
159.5	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000
160.5	0.000	0.000	0.000	0.000	0.000
161.0	0.000	0.000	0.000	0.000	0.000
161.5	0.000	0.000	0.000	0.000	0.000
162.0	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000
163.0	0.000	0.000	0.000	0.000	0.000
163.5	0.000	0.000	0.000	0.000	0.000
164.0	0.000	0.000	0.000	0.000	0.000
164.5	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000
165.5	0.000	0.000	0.000	0.000	0.000
166.0	0.000	0.000	0.000	0.000	0.000
166.5	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : GS-2-L240-940-HP-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000
168.0	0.000	0.000	0.000	0.000	0.000
168.5	0.000	0.000	0.000	0.000	0.000
169.0	0.000	0.000	0.000	0.000	0.000
169.5	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000
170.5	0.000	0.000	0.000	0.000	0.000
171.0	0.000	0.000	0.000	0.000	0.000
171.5	0.000	0.000	0.000	0.000	0.000
172.0	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000
173.0	0.000	0.000	0.000	0.000	0.000
173.5	0.000	0.000	0.000	0.000	0.000
174.0	0.000	0.000	0.000	0.000	0.000
174.5	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000
175.5	0.000	0.000	0.000	0.000	0.000
176.0	0.000	0.000	0.000	0.000	0.000
176.5	0.000	0.000	0.000	0.000	0.000
177.0	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000
178.0	0.000	0.000	0.000	0.000	0.000
178.5	0.000	0.000	0.000	0.000	0.000
179.0	0.000	0.000	0.000	0.000	0.000
179.5	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : GS-2-L240-940-HP-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2943.16	N.A.	14.00
0-30	6277.26	N.A.	29.80
0-40	10343.64	N.A.	49.10
0-60	18164.14	N.A.	86.20
0-80	20889.47	N.A.	99.10
0-90	21079.22	N.A.	100.00
10-90	20320.27	N.A.	96.40
20-40	7400.47	N.A.	35.10
20-50	11655.67	N.A.	55.30
40-70	9787.67	N.A.	46.40
60-80	2725.32	N.A.	12.90
70-80	758.17	N.A.	3.60
80-90	189.75	N.A.	0.90
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	21079.22	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	758.95
10-20	2184.21
20-30	3334.1
30-40	4066.38
40-50	4255.2
50-60	3565.31
60-70	1967.16
70-80	758.17
80-90	189.75
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : GS-2-L240-940-HP-DIM-UNV_.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	110	106	102	98	107	103	100	97	99	96	94	95	93	91	92	90	88	86
2	101	93	87	82	98	91	86	81	88	83	79	85	81	77	82	78	75	73
3	92	82	75	69	90	81	74	68	78	72	67	75	70	66	73	68	65	63
4	85	73	65	59	82	72	64	58	70	63	57	67	61	57	65	60	56	54
5	78	66	57	51	76	65	57	50	62	55	50	61	54	49	59	53	49	47
6	72	59	51	44	70	58	50	44	57	49	44	55	48	43	53	48	43	41
7	67	54	45	39	65	53	45	39	51	44	39	50	43	39	49	43	38	36
8	62	49	41	35	61	48	40	35	47	40	35	46	39	35	45	39	34	32
9	58	45	37	32	57	44	37	31	43	36	31	42	36	31	41	35	31	29
10	54	41	34	29	53	41	34	29	40	33	28	39	33	28	38	32	28	26

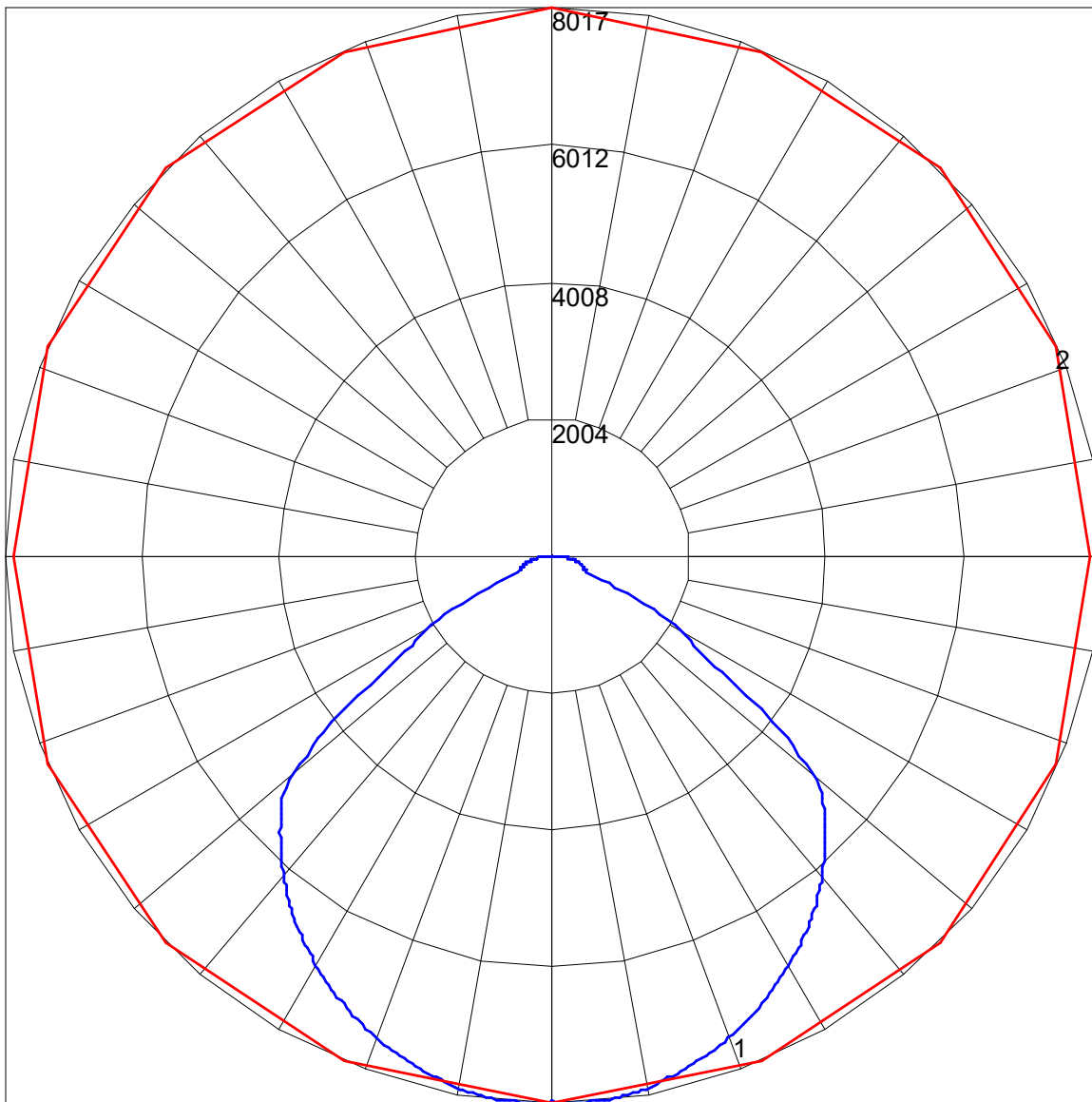
IES INDOOR REPORT
PHOTOMETRIC FILENAME : GS-2-L240-940-HP-DIM-UNV_.IES

UGR TABLE - CORRECTED

Reflectances											
Ceiling Cavity	70	70	50	50	30	70	70	50	50	30	
Walls	50	30	50	30	30	50	30	50	30	30	
Floor Cavity	20	20	20	20	20	20	20	20	20	20	
Room Size		UGR Viewed Crosswise					UGR Viewed Endwise				
X=2H	Y=2H	25.4	27.0	25.8	27.3	27.6	23.0	24.6	23.4	24.9	25.2
	3H	27.1	28.5	27.5	28.8	29.2	23.1	24.5	23.5	24.9	25.2
	4H	27.6	29.0	28.0	29.3	29.7	23.2	24.5	23.6	24.9	25.3
	6H	27.9	29.1	28.3	29.5	29.9	23.3	24.6	23.8	24.9	25.3
	8H	28.0	29.1	28.4	29.5	29.9	23.4	24.6	23.8	25.0	25.4
	12H	28.0	29.1	28.4	29.5	29.9	23.5	24.6	23.9	25.0	25.4
4H	2H	25.7	27.0	26.1	27.3	27.7	23.6	25.0	24.0	25.3	25.7
	3H	27.5	28.6	27.9	29.0	29.4	23.8	24.9	24.2	25.3	25.7
	4H	28.1	29.1	28.5	29.5	29.9	24.0	24.9	24.4	25.3	25.8
	6H	28.5	29.3	28.9	29.7	30.2	24.2	25.0	24.6	25.4	25.9
	8H	28.5	29.3	29.0	29.8	30.2	24.2	25.0	24.7	25.5	25.9
	12H	28.6	29.3	29.1	29.8	30.2	24.3	25.0	24.8	25.5	26.0
8H	4H	28.1	28.9	28.5	29.3	29.8	24.1	24.9	24.6	25.4	25.8
	6H	28.4	29.1	28.9	29.6	30.0	24.4	25.1	24.9	25.5	26.0
	8H	28.5	29.1	29.0	29.6	30.1	24.5	25.1	25.0	25.6	26.1
	12H	28.6	29.1	29.1	29.6	30.2	24.7	25.2	25.2	25.7	26.3
12H	4H	28.0	28.8	28.5	29.2	29.7	24.2	24.9	24.6	25.3	25.8
	6H	28.4	29.0	28.9	29.5	30.0	24.4	25.0	24.9	25.5	26.0
	8H	28.5	29.0	29.0	29.5	30.1	24.6	25.1	25.1	25.6	26.2

Maximum UGR = 30.2

POLAR GRAPH



Maximum Candela = 8016.583 Located At Horizontal Angle = 90, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)